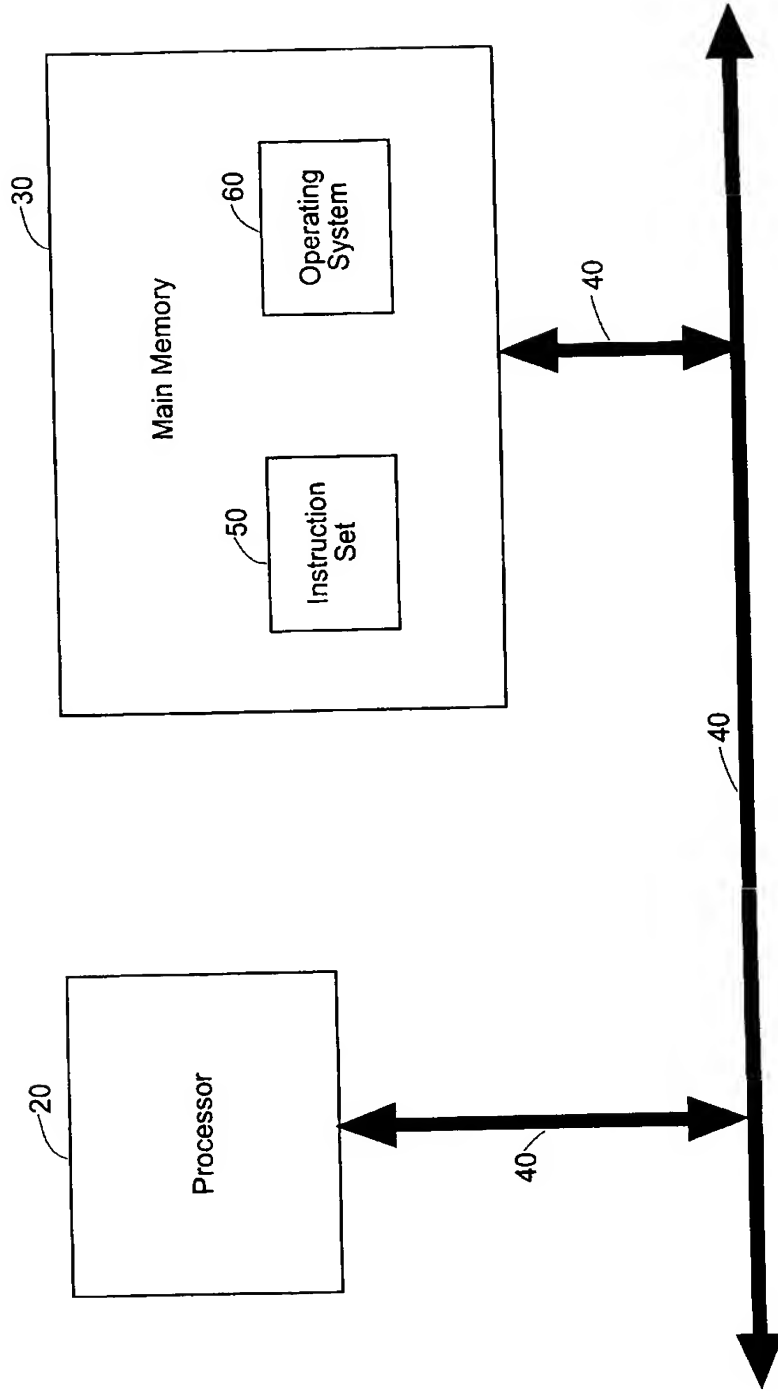


**Fig. 1**

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**Fig. 2**

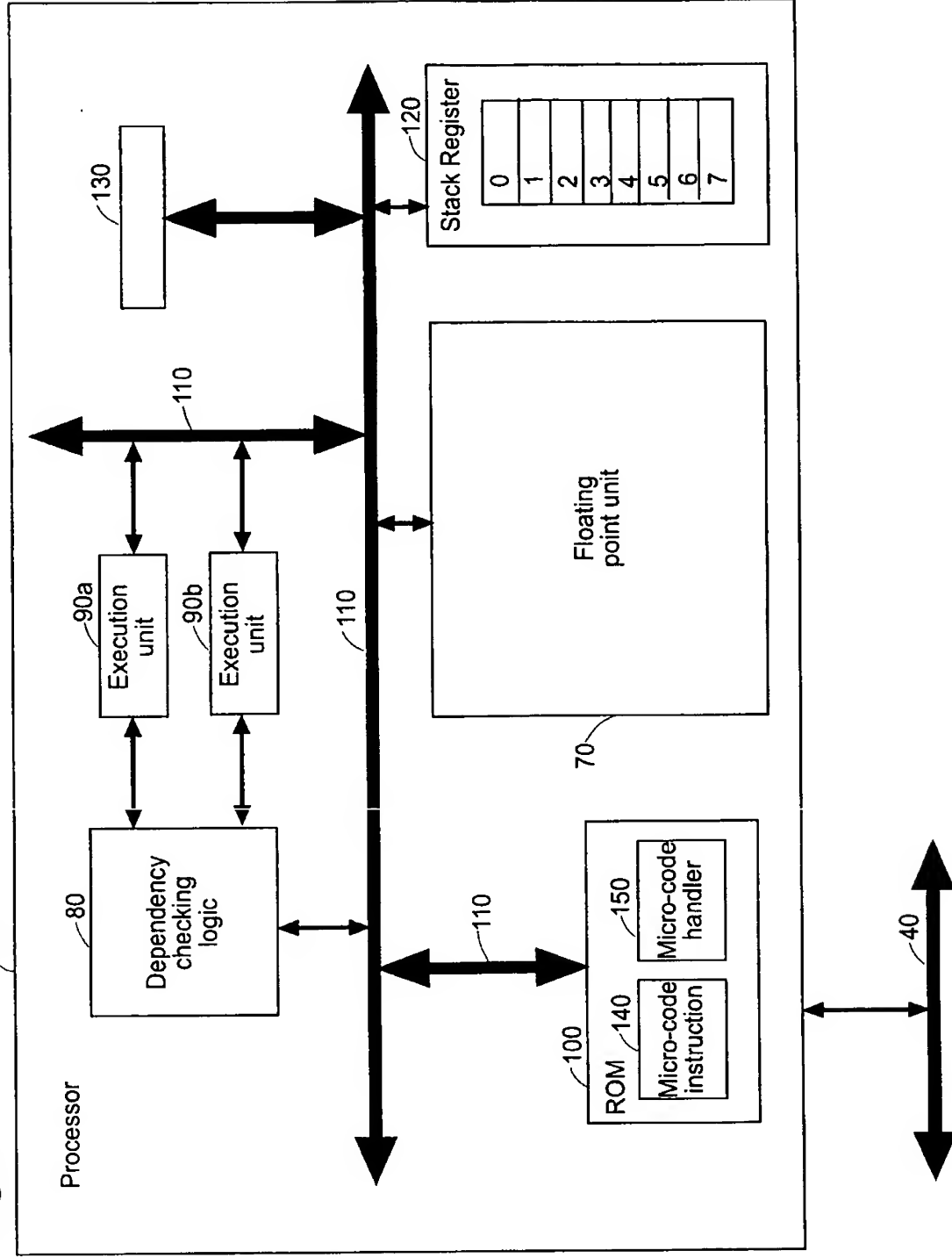


Fig. 3

	"Old" values read		"New" values written
Execution Unit 90a	ST(i) contents read	• • •	ST(0) written w/ST(i) contents
Execution Unit 90b	ST(0) contents read	• • •	ST(i) written w/ST(0) contents
	Pipe Stage 1	Pipe Stages 2 through (N-1)	Pipe Stage N

**Fig. 4**

